

ABSTRACT

A lock mechanism includes an opening and closing member (10) that is openably and closably provided on an apparatus frame (1a), 5 a shaft member (15) that is provided on the apparatus frame (1a) for rotatably supporting the opening and closing member (10), and three lock member sets (13) and (14) for sustaining a state in which the opening and closing member (10) is closed with respect to the apparatus frame (1a). The lock member sets (13) and (14) include 10 secured members (13) provided on the opening and closing member (10), and bearing members (14) that are provided on the apparatus frame (1a) for elastically securing the secured members (13). The elastic force when a secured member (132) in one specific lock member set is secured to a bearing member (142) is set to be greater than 15 that of the other lock member sets (131), (133), (141), and (143).